

Ceiling Cutout: 15 1/16" L x 8 3/16" W

Ordering Information: PAR 38 Series A

Cat. No.	Lamp	Ceiling Trim	Aperture Finish
PA2P3810BL	(2) 100W PAR 38	Overlap	Black with White Flange
PA2P3810WL	(2) 100W PAR 38	Overlap	White with White Flange
PA2P3810BTL	(2) 100W PAR 38	Trimless	Black
PA2P3810WTL	(2) 100W PAR 38	Trimless	White

Features

- Aperture Frame:** Provides clean support for lamp holders and overlapping flange or trimless installation. Extruded aluminum. Rigidly welded together on all corners.
- Media Cartridge:** Allows convenient loading and removal of up to two accessories. Easily installed and removed for lamping with a simple twisting motion. Constructed of die formed aluminum.
- Cross Blade Louver:** Extruded aluminum. 1" deep, provides additional shielding and can be easily removed.
- Adjustable Ring:** Allows 360° horizontal and min 30°, max. 40° (on length); 30° (on width) vertical adjustment.
- Tortontite Spring:** For easy installation of aperture frame.
- Housing:** Die formed 22 ga. steel. Finish: Black.
- Mounting Brackets:** Adjustable vertically from outside of housing.
- Thermal Protector:** Meets NEC, UL, and CSA requirements.
- Lampholder:** Porcelain medium based; nickel plated screw shell. Prewired with #18 SF-1 leads to junction box.
- Junction Box:** 14 ga. steel, 4 x 3 1/2 x 2" box. Allows inspection from below.
- Lamp and Accessory Support:** .032" steel, flared for easy entry of Media Cartridge.
- Lens Retaining Ring:** .093" spring steel rod. Holds accessories in place.

Electrical

UL/cUL listed for through branch circuit wiring with maximum of (8) no. 12 AWG 90° C.

Finish

All painted finishes are powder coated baked enamel.

Options & Accessories

Accessories: 4 3/4" dia. series, filters, lenses, screens, and louver (2) max.

Labels

UL/cUL (Suitable for Damp Location), I B E W

US Patent Pending

Job Information	Type:
Job Name:	
Cat. No.:	
Lamp(s):	
Notes:	

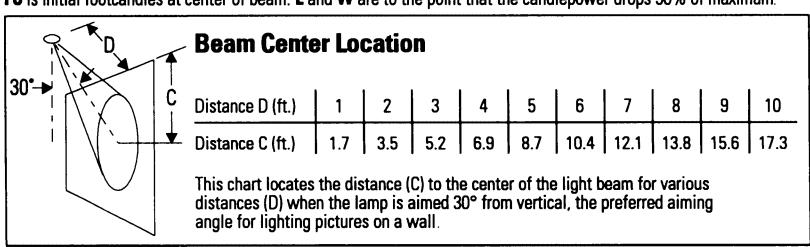




Lighting Performance Data

Narrow																					
DISTANCE 0' 1' 2' 3' 4' 5' 6'	45W PAR38 NSP (T-H)			45W PAR38 SP (T-H)			75W PAR38 SP			90W PAR38 NSP (T-H)			90W PAR38 SP (T-H)								
	D	FC	L	W	D	FC	L	W	D	FC	L	W	D	FC	L	W					
236	131	144	528	333																	
BEAM SPREAD (To 50% Max. CP)	6°			14°			12°			7°			12°								
MAX. CANDLEPOWER (Candelas)	8,500			4,700			5,200			19,000			12,000								
RATED LIFE (Hours)	2,000			2,000			2,000			2,000			2,000								
0° AIMING ANGLE Illumination on Horizontal Plane	D 7' 10' 13' 16'	FC 173 85 50 33	L 0.7' 1.0' 1.4' 1.7'	W 0.7' 1.0' 1.4' 1.7'	D 6' 8' 10' 12'	FC 131 73 47 33	L 1.5' 2.0' 2.5' 2.9'	W 1.5' 2.0' 2.5' 2.9'	D 6' 8' 10' 12'	FC 144 81 52 36	L 1.3' 1.7' 2.1' 2.5'	W 1.3' 1.7' 2.1' 2.5'	D 10' 12' 15' 16'	FC 190 84 47 30	L 1.2' 1.8' 2.4' 3.1'	W 1.2' 1.8' 2.4' 3.1'	D 8' 12' 15' 20'	FC 188 83 47 30	L 1.7' 2.5' 3.4' 4.2'	W 1.7' 2.5' 3.4' 4.2'	
30° AIMING ANGLE Illumination on Horizontal Plane	D 6' 9' 12' 15'	FC 153 68 38 25	L 0.8' 1.3' 1.7' 2.1'	W 0.7' 1.1' 1.5' 1.8'	D 5' 7' 9' 11'	FC 122 62 38 25	L 1.6' 2.3' 3.0' 3.6'	W 1.4' 2.0' 2.6' 3.1'	D 5' 7' 9' 11'	FC 135 69 42 28	L 1.4' 2.0' 2.5' 3.1'	W 1.2' 1.7' 2.2' 2.7'	D 8' 12' 15' 20'	FC 193 86 48 31	L 1.3' 2.0' 2.6' 3.3'	W 1.1' 1.7' 2.3' 2.8'	D 7' 10' 13' 16'	FC 159 78 46 30	L 2.0' 2.8' 3.7' 4.5'	W 1.7' 2.4' 3.2' 3.9'	
30° AIMING ANGLE Illumination on Vertical Plane	D 2' 3' 4' 5'	FC 266 118 66 43	L 0.8' 1.3' 1.7' 2.1'	W 0.4' 0.6' 0.8' 1.0'	D 2' 3' 4' 5'	FC 147 65 37 24	L 2.1' 3.1' 4.1' 5.1'	W 1.0' 1.5' 2.0' 2.5'	D 2' 3' 4' 5'	FC 163 72 41 26	L 1.7' 2.6' 3.5' 4.3'	W 0.8' 1.3' 1.7' 2.1'	D 4' 6' 8' 10'	FC 148 66 37 24	L 2.0' 3.0' 4.0' 4.9'	W 1.0' 1.5' 2.0' 2.4'	D 3' 4' 5' 6'	FC 167 94 60 42	L 1.3' 1.7' 2.1' 2.5'	W 1.3' 1.7' 2.1' 2.5'	
Medium																					
FOOTCANDLES (On Beam Center At 6')	47			52			111														
BEAM SPREAD (To 50% Max. CP)	28°			30°			30°														
MAX. CANDLEPOWER (Candelas)	1,700			1,860			4,000														
RATED LIFE (Hours)	2,000			2,000			2,000														
0° AIMING ANGLE Illumination on Horizontal Plane	D 3' 5' 7' 9'	FC 189 68 35 21	L 1.5' 2.5' 3.5' 4.5'	W 1.5' 2.5' 3.5' 4.5'	D 4' 6' 8' 10'	FC 116 52 29 19	L 2.1' 3.2' 4.3' 5.4'	W 2.1' 3.2' 4.3' 5.4'	D 6' 8' 10' 12'	FC 111 63 40 28	L 3.2' 4.3' 5.4' 6.4'	W 3.2' 4.3' 5.4' 6.4'	D 10' 12' 15' 16'	FC 122 66 41 26	L 1.7' 2.6' 3.5' 4.3'	W 1.2' 1.5' 2.0' 2.5'	D 8' 10' 13' 16'	FC 148 66 37 24	L 2.0' 3.0' 4.0' 4.9'	W 1.0' 1.5' 2.0' 2.4'	
30° AIMING ANGLE Illumination on Horizontal Plane	D 3' 5' 7' 9'	FC 123 44 23 14	L 2.0' 3.4' 4.8' 6.1'	W 1.7' 2.9' 4.0' 5.2'	D 5' 7' 9' 11'	FC 134 48 25 15	L 2.2' 3.7' 5.1' 6.6'	W 1.9' 3.1' 4.3' 5.6'	D 5' 7' 9' 11'	FC 104 53 32 21	L 3.7' 5.1' 6.6' 8.1'	W 3.1' 4.3' 5.6' 6.8'	D 3' 5' 7' 9'	FC 123 44 23 14	L 2.0' 3.0' 4.0' 4.9'	W 1.0' 1.5' 2.0' 2.5'	D 10' 12' 13' 16'	FC 148 66 37 24	L 2.0' 3.0' 4.0' 4.9'	W 1.0' 1.5' 2.0' 2.5'	
30° AIMING ANGLE Illumination on Vertical Plane	D 1' 2' 3' 4'	FC 213 53 24 13	L 2.5' 4.9' 7.4' 9.8'	W 1.0' 2.0' 3.0' 4.0'	D 1' 2' 3' 4'	FC 233 58 26 15	L 2.7' 5.5' 8.2' 10.9'	W 1.1' 2.1' 3.2' 4.3'	D 2' 3' 4' 5'	FC 125 56 31 20	L 5.5' 8.2' 10.9' 13.7'	W 2.1' 3.2' 4.3' 5.4'	D 10' 12' 13' 16'	FC 213 53 24 13	L 2.5' 4.9' 7.4' 9.8'	W 1.0' 2.0' 3.0' 4.0'	D 10' 12' 13' 16'	FC 148 66 37 24	L 2.0' 3.0' 4.0' 4.9'	W 1.0' 1.5' 2.0' 2.5'	

Data are based on bare lamp photometrics.
FC is initial footcandles at center of beam. **L** and **W** are to the point that the candlepower drops 50% of maximum.



Job Information

Type:

LIGHTOLIER